

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	3	((first adj ((phase adj locked adj loop) or pll) with fractional) and ((second adj ((phase adj locked adj loop) or pll) with integer) )).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L8	4895	375/376	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L9	2	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) and (VCO or (voltage adj controlled adj oscillator))) and ( wlan)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L10	295	(first adj ((phase adj locked adj loop) or pll)) same ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L11	0	pe3292	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L12	0	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator))) WITH SERIE and ((mobile adj station) or MS or (base adj station) OR CDMA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L13	1	("2005/0062547").URPN.	USPAT	OR	ON	2007/09/26 13:51

## EAST Search History

L14	1740	(first adj ((phase adj locked adj loop) or pll)) and (second adj ((phase adj locked adj loop) or pll))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L15	200	transmit\$4 and receiv\$3 and (two adj dipole adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L16	194	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L17	0	peredrine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L18	4	(first adj ((phase adj locked adj loop) or pll)) and ((second adj ((phase adj locked adj loop) or pll)) and (VCO or (voltage adj controlled adj oscillator))) and ( wlan)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L19	95	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator))) and ((mobile adj station) or MS or (base adj station) or CDMA or wlan)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L20	398	(first adj ((phase adj locked adj loop) or pll)) and ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L21	453	peregrine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L22	5	transmit\$4 and receiv\$3 and (two adj dipole adj antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L23	1	((first adj ((phase adj locked adj loop) or pll)) and ((second adj ((phase adj locked adj loop) or pll)) and fractional and (integer adj divider))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L24	629	(PLL or (phase adj locked adj loop)) and (integer with (divider or synthesizer)) same (fractional with (divider or synthesizer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L25	564	(PLL or (phase adj locked adj loop)) and (integer with (divider or synthesizer)) with (fractional with (divider or synthesizer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L26	1	WO99/08456	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L27	13	L8 and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L28	3	(first adj ((phase adj locked adj loop) or pll)) same ((second adj ((phase adj locked adj loop) or pll)) and (VCO or (voltage adj controlled adj oscillator))) and ( wlan)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L29	176	transmit\$4.with receiv\$3 and (two adj dipole adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L30	325	internal adj antenna and TDMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L31	797	(PLL or (phase adj locked adj loop)) and (integer with (divider or synthesizer)) and (fractional with (divider or synthesizer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L32	169	L31 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L33	0	"10664850"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L34	111	"08456"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L35	75336	internal and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L36	3486	internal adj antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L37	194	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L38	4	internal adj antenna and transceiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L39	92	transmit\$4 same receiv\$3 and (two with dipole with antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L40	1080	internal adj antenna and transceiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L41	144	internal adj antenna with transceiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L42	94	transmit\$4 and receiv\$3 and (two with dipole with antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L43	5	transmit\$4 same receiv\$3 and (two adj dipole adj antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L44	564	((PLL or (phase adj locked adj loop))) and ((integer with (divider or synthesizer)) with (fractional with (divider or synthesizer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L45	2	"6594508".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L46	2	"5838730".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L47	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:20
L48	1	"10/664850"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L49	5	transmit\$4 with receiv\$3 and (two adj dipole adj antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L50	10	("5038115"   "5072195"   "5302919"   "5374904"   "5382922"   "5414390"   "5559473"   "5579184"   "5657359"   "5734301").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 13:51
L51	13	peregrine and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L52	2	"6090648".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L53	2	"20060085662".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L54	3	"7003686".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L55	95	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator))) and ((mobile adj station) or MS or (base adj station))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L56	2	"4720688".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L57	45	L8 and L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L58	2	"6181923".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L59	2	"5875186".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L60	2	pe3291	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L61	2	"6,489,818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L62	65	(first adj synthesizer) and (second adj synthesizer) and ((phase adj locked adj loop) or pll)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51



## EAST Search History

L63	23	internal adj antenna and transceiver and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L64	3	internal adj antenna with transceiver and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L65	6	internal adj antenna same transceiver and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L66	2	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator))) and ( wlan)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L67	2	"99/08456"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L68	5	"9908456"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L69	2	internal adj antenna with TDMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51

## EAST Search History

L70	7	("5107335"   "5423085"   "5432855"   "5436927"   "5633898"   "5727030"   "5768321").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 13:51
L71	8	internal adj antenna same TDMA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L72	92	transmit\$4 with receiv\$3 and (two with dipole with antenna) and pll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L73	5	(first adj ((phase adj locked adj loop) or pll)) with ((second adj ((phase adj locked adj loop) or pll)) with (VCO or (voltage adj controlled adj oscillator))) and mobile adj station	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L74	16	transmit\$4 with receiv\$3 with (two adj dipole adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L75	45	(second adj (PLL or (phase adj locked adj loop))) and ((integer with (divider or synthesizer)) with (fractional with (divider or synthesizer)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 13:51
L76	3	transmit with receive with (two adj dipole adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:12

## EAST Search History

L77	2	"6484038".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:14
L78	2	"6125268".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:15
L79	2	"5267189".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:15
L80	2	(dual near synthesizer and fractional and divider).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:21
L81	24	(dual near synthesizer and fractional and divider)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:23
L82	4	(dual near synthesizer and fractional and integer near divider)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/26 14:21

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual output synthesizer" "integer divider"

[Search](#)

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 10 of about 43 for **"dual output synthesizer"**. (0.32 seconds)

**Dual output synthesizer. (Full Spectrum). (Narda) Wireless Design ...**

**Dual output synthesizer. (Full Spectrum). (Narda)** from Wireless Design & Development in Array provided by LookSmart Find Articles.

[findarticles.com/p/articles/mi\\_hb5077/is\\_200111/ai\\_n18456371](#) - 26k -

[Cached](#) - [Similar pages](#) - [Note this](#)

**Dual output synthesizer. (Sources) Industry & Business Article ...**

Goliath Industry and Business News includes thousands of articles from journals, newspapers, newswires, and magazines, covering a wide range of industries ...

[goliath.ecnext.com/coms2/gi\\_0199-1147105/Dual-output-synthesizer-Sources.html](#) - 21k -

[Cached](#) - [Similar pages](#) - [Note this](#)

**Dual output synthesizer. (Sources) - Journal, Magazine, Article ...**

**Dual output synthesizer. (Sources)** Publication Date: 01-FEB-03 Publication Title:

Microwave Journal Format: Online - approximately 75 words Author: ...

[goliath.ecnext.com/coms2/summary\\_0199-1147105\\_ITM](#) - 27k -

[Cached](#) - [Similar pages](#) - [Note this](#)

**Method and apparatus to generate signals using two or more phase ...**

A wireless communication system comprising: a mobile station having a **dual output synthesizer**, which includes: a first phase locked loop to set a frequency ...

[www.freepatentsonline.com/20050062547.html](#) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

**Frequency sources, Low-Noise Crystal Oscillator**

HIGH PERFORMANCE Ku- AND L-BAND **DUAL OUTPUT SYNTHESIZER**. CFS SERIES:

12.71–14.84 GHz. 12.46–13.28GHz. 10.91–11.53 GHz. 12.97–13.75 GHz. 11.46–12.03 GHz ...

[miteq.com/micro/fresourc/c38/freqsyn/cfsfeatures.htm](#) - 79k -

[Cached](#) - [Similar pages](#) - [Note this](#)

**[PDF] SYNTHESIZER SECTION**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

HIGH PERFORMANCE Ku- AND L-BAND **DUAL OUTPUT SYNTHESIZER**. CFS SERIES:

12.71–14.84 GHz. 10.91–11.53 GHz. 11.46–12.03 GHz. 12.46–13.28 GHz. 12.97–13.75 GHz ...

[miteq.com/micro/fresourc/c38/pdfs/c38synth.pdf](#) - [Similar pages](#) - [Note this](#)

[ [More results from miteq.com](#) ]

**Evaluation modules for synthesizers chips**

Valon 5001 **dual output synthesizer** module with Silicon Labs Si4133 includes trimmable TCXO and voltage regulators. Typical modules available for 800-1800MHz ...

[valontechnology.com/eval\\_synthzrs.html](#) - 15k - [Cached](#) - [Similar pages](#) - [Note this](#)

**TRAK Microwave Corporation - Core Technologies**

**Dual Output Synthesizer**, 9 - 10 GHz, SYN147, Email · Quad Frequency Synthesizer, 0.65

- 0.95 HGz, SYN148, Email · IMA | [Sources](#) | [Ferrites](#) | [Timing](#) | [Space](#) ...

[www.trak.com/CoreTechnologies.aspx?CoreTechnologyId=11](#) - 70k -

[Cached](#) - [Similar pages](#) - [Note this](#)

**TRAK Microwave Corporation - Radar**

**Dual Output Synthesizer**, 9 - 10 GHz, SYN147, Email · Quad Frequency Synthesizer, 0.65 - 0.95 HGz, SYN148, Email · + Frequency Sources Indirect ...  
[www.trak.com/radar.aspx](http://www.trak.com/radar.aspx) - 114k - [Cached](#) - [Similar pages](#) - [Note this](#)  
[ [More results from www.trak.com](#) ]

**products**

Programmable **dual-output synthesizer**. Narda introduces high-performance programmable microwave synthesizers for wireless communications systems, ...  
[rfdesign.com/mag/radio\\_products\\_9/](http://rfdesign.com/mag/radio_products_9/) - 64k - [Cached](#) - [Similar pages](#) - [Note this](#)

**1 2 3 4    Next**

Download [Google Pack](#): free essential software for your PC

---

"dual output synthesizer"

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual output synthesizer" "integer divider"

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 1 of 1 for "**dual output synthesizer**" "**integer divider**". (0.16 seconds)

Tip: Try removing quotes from your search to get more results.

**Method and apparatus to generate signals using two or more phase ...**

... MS 120 may include a **dual output synthesizer** 130, a transceiver 140 and antennas ....

**Integer divider** 360 may provide a desired frequency to PLL 370. ...

[www.freepatentsonline.com/20050062547.html](http://www.freepatentsonline.com/20050062547.html) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

Download [Google Pack](#): free essential software for your PC

"dual output synthesizer" "integer divider"

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual output synthesizer" "fractional"

Search

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 2 of 2 for "**dual output synthesizer**" "**fractional**". (0.28 seconds)

Tip: Try removing quotes from your search to get more results.

**Method and apparatus to generate signals using two or more phase ...**

... **dual output synthesizer** 130 may include a **fractional** N synthesizer and a ... **fractional** N synthesizer 310 may generate output signal 345 with the ...

[www.freepatentsonline.com/20050062547.html](http://www.freepatentsonline.com/20050062547.html) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

[PDF] **Untitled**

File Format: PDF/Adobe Acrobat

**Dual Output Synthesizer**, 9-10 GHz. SYN147. 100. Synthesizers ..... Alternative multi-loop or **fractional-n** type designs do. improve the noise performance, ...

[www.cornes-dodwell.co.jp/product/pdf/government.pdf](http://www.cornes-dodwell.co.jp/product/pdf/government.pdf) - [Similar pages](#) - [Note this](#)

Download [Google Pack](#): free essential software for your PC

"dual output synthesizer" "fractional"

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual output synthesizer" "fractional" divider

Search

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 2 of 2 for "**dual output synthesizer**" "**fractional**" divider. (0.33 seconds)

Tip: Try removing quotes from your search to get more results.

**Method and apparatus to generate signals using two or more phase ...**

[0017] In some embodiments of the invention, **fractional** N synthesizer 310 may include a **fractional** N divider 320, a phase locked loop (PLL) 330 and a ...

[www.freepatentsonline.com/20050062547.html](http://www.freepatentsonline.com/20050062547.html) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

**[PDF] Untitled**

File Format: PDF/Adobe Acrobat

**Dual Output Synthesizer**, 9-10 GHz. SYN147. 100. Synthesizers ..... Alternative multi-loop or **fractional**-n type designs do. improve the noise performance, ...

[www.cornes-dodwell.co.jp/product/pdf/government.pdf](http://www.cornes-dodwell.co.jp/product/pdf/government.pdf) - [Similar pages](#) - [Note this](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

"dual output synthesizer" "fractional"

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)





[About Us](#)

[Newsroom](#)

[Advisory Board](#)

[Submit Web Site](#)

[Help](#)

[Contact Us](#)

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual output synthesizer" AND "fractional" AND divider


☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**dual output synthesizer**" AND "**fractional**" AND **divider**

Found:: :**1 total** | **0 journal results** | **1 preferred web results** | **0 other web results**

Sort by:: :**relevance** | date

Or  
All

- ☐ **1. Method and apparatus to generate signals using two or more phase locked loops**  
**Reuven, Yossi, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Mar 2005  
patno: US20050062547  
...invention, **dual output synthesizer** 130 may include a **fractional N synthesizer**...may include a **fractional N synthesizer**...included in **dual output synthesizer** 300, if desired...this respect, **dual output synthesizer** 300 may include...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[similar results](#)

**fast**

"dual output synthesizer" AND "fractional" AND divider

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by **FAST** © Elsevier 2007



About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual output synthesizer" AND fractional

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**dual output synthesizer**" AND **fractional**

Found:: :**1 total** | **0 journal results** | **1 preferred web results** | **0 other web results**

Sort by:: :**relevance** | date

Save checked results

Email checked results

Export checked results

Or  
Al

- ☐ 1. Method and apparatus to generate signals using two or more phase locked loops  
**Reuven, Yossi, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Mar 2005  
patno: US20050062547  
...invention, **dual output synthesizer** 130 may include a **fractional N** synthesizer...include a **fractional N** synthesizer...included in **dual output synthesizer** 300, if desired...respect, **dual output synthesizer** 300 may include...frequency to **fractional N** synthesizer...

F

**Full text available at patent office. For more in-depth searching go to** LexisNexis-  
[similar results](#)

**fast**

"dual output synthesizer" AND fractional

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007



About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual output synthesizer" AND divider

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**dual output synthesizer**" AND **divider**

Found:: :**1 total** | **0 journal results** | **1 preferred web results** | **0 other web results**

Sort by:: :**relevance** | date

Save checked results

Email checked results

Export checked results

☐ 1. Method and apparatus to generate signals using two or more phase locked loops

**Reuven, Yossi**, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT

PUBLICATION, Mar 2005

patno:US20050062547

...200 may include a **dual output synthesizer** 300 and a transceiver...be included in **dual output synthesizer** 300, if desired...in this respect, **dual output synthesizer** 300 may include...a fractional N **divider** 320, a phase locked...

**Full text available at patent office. For more in-depth searching go to** LexisNexis™ [Key Words](#)

[similar results](#)

Or

Al

F

Buy

We

Key

ww

Dui

Due

ww

Sponsored links

**Divider**

Get more polished **dividers** with less effort. See how with Avery.

[www.avery.com](http://www.avery.com)

**Musical Keyboards**

Get Free Freight & Accessory Kit On Most Models Of Musical Keyboards

[www.andysmusiconline.com](http://www.andysmusiconline.com)

**Synthesizers**

Wide Selection of Lab Supplies Free Shipping on Orders Over \$250

[www.bestlabdeals.com](http://www.bestlabdeals.com)

fast

"dual output synthesizer" AND divider

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual output synthesizer"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"dual output synthesizer"

Found:: :3 total | 0 journal results | 2 preferred web results | 1 other web results

Sort by:: :relevance | date

Save checked results


Email checked results

Export checked results

Or  
AI

- ☐ 1. DISTRIBUTION OF DATA SIGNALS FROM BROADCAST DATA RECEIVING MEANS  
**STAFFORD, Gary (INVACOM LTD)**, *PATENT COOPERATION TREATY APPLICATION*, Aug 2007  
patno: WO07096617

The invention relates to a distribution network for broadcast data which is received at a receiving means location. The network typically includes a plurality of cable connections which carry the data in an RF or more typically an optical mode into which ...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis®  
[view all 2 results from Patent Offices](#)  
[similar results](#)

- ☐ 2. (f) (e) (d) (c) (b) (a) (b) (c) (a) (e) (f) (d) (f) (d) (e) (b) (a)... [Word-2MB]  
Aug 2003

...demodulator as possible. The filtered signal is amplified and passed to the demodulator. A frequency of 70 MHz from the **dual output synthesizer** is used by the demodulator to separate the signal into the Q and I phase. 4.3 Calculation of System Specifications...  
[<http://www.stevens.edu/wireless/terrance/Final%20Repor...>]  
[similar results](#)

- ☐ 3. Method and apparatus to generate signals using two or more phase locked loops  
**Reuven, Yossi**, *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Mar 2005  
patno: US20050062547

...invention, MS 120 may include a **dual output synthesizer** 130, a transceiver 140 and...embodiments of the invention, **dual output synthesizer** 130 may include a fractional...device 200 may include a **dual output synthesizer** 300 and a transceiver 250...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis®  
[view all 2 results from Patent Offices](#)  
[similar results](#)

Sponsored links

[Musical Keyboards](#)

Get Free Freight & Accessory Kit On Most Models Of Musical Keyboards

[www.andysmusiconline.com](http://www.andysmusiconline.com)

Synthesizers

Wide Selection of Lab Supplies Free Shipping on Orders Over \$250

[www.bestlabdeals.com](http://www.bestlabdeals.com)

Dual Keyboard at Target

Find Dual Keyboard Online. Shop & Save at Target.com Today.

[www.Target.com](http://www.Target.com)



"dual output synthesizer"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((dual synthesizer)&lt;in&gt;metadata)"

Your search matched 3 of 1666250 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☒ e-mail

## » Search Options

[View Session History](#)
[New Search](#)

## Modify Search

((dual synthesizer)&lt;in&gt;metadata)

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 [Select All](#) [Deselect All](#)

- ☐ 1. **A 2.7 V GSM RF transceiver IC**  
 Irie, K.; Matsui, H.; Endo, T.; Watanabe, K.; Yamawaki, T.; Kokubo, M.; Hilders  
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSC(  
International  
 6-8 Feb. 1997 Page(s):302 - 303, 475  
 Digital Object Identifier 10.1109/ISSCC.1997.585393  
[AbstractPlus](#) | [Full Text: PDF\(996 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **An 18-mW 2.5-GHz/900-MHz BiCMOS dual frequency synthesizer with <1 resolution**  
 Woogeun Rhee; Bisanti, B.; Ali, A.;  
Solid-State Circuits, IEEE Journal of  
 Volume 37, Issue 4, April 2002 Page(s):515 - 520  
 Digital Object Identifier 10.1109/4.991389  
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(298 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 3. **An 18-mW 2.5-GHz/900-MHz BiCMOS dual frequency synthesizer with < 1 resolution**  
 Woogeun Rhee; Bisanti, B.; Ali, A.;  
Solid-State Circuits Conference, 2000. ESSCIRC '00. Proceedings of the 26th  
 19-21 Sept. 2000 Page(s):252 - 255  
[AbstractPlus](#) | [Full Text: PDF\(1112 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

 Indexed by  
 Inspec®

[Help](#) [Contact Us](#) [Privacy & :](#)

© Copyright 2006 IEEE -


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((dual synthesizer and fractional)&lt;in&gt;metadata)"

☒ e-mail

Your search matched 2 of 1666250 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)
[New Search](#)

## Modify Search


☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 [Select All](#) [Deselect All](#)

- ☐ 1. An 18-mW 2.5-GHz/900-MHz BiCMOS dual frequency synthesizer with <10 resolution  
 Woogeun Rhee; Bisanti, B.; Ali, A.;  
Solid-State Circuits, IEEE Journal of  
 Volume 37, Issue 4, April 2002 Page(s):515 - 520  
 Digital Object Identifier 10.1109/4.991389  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(298 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 2. An 18-mW 2.5-GHz/900-MHz BiCMOS dual frequency synthesizer with < 1 resolution  
 Woogeun Rhee; Bisanti, B.; Ali, A.;  
Solid-State Circuits Conference, 2000. ESSCIRC '00. Proceedings of the 26th  
 19-21 Sept. 2000 Page(s):252 - 255  
[AbstractPlus](#) | Full Text: [PDF](#)(1112 KB) IEEE CNF  
[Rights and Permissions](#)

 Indexed by  
[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE –



[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

[Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Results for "((dual synthesizer and fractional and divider)&lt;in&gt;metadata)"

☒ e-mail

Your search matched 0 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

**No results were found.**

Please edit your search criteria and try again. Refer to the Help pages if you need assistance.

Indexed by  
 Inspec[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual synthesizer" "fractional" divider

Search

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 10 of about 82 for **"dual synthesizer" "fractional" divider**. (0.32 seconds)

Method and apparatus to generate signals using two or more phase ...

[0017] In some embodiments of the invention, **fractional** N synthesizer 310 may include a **fractional** N divider 320, a phase locked loop (PLL) 330 and a ...

[www.freepatentsonline.com/20050062547.html](http://www.freepatentsonline.com/20050062547.html) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

Tuning bandwidth minimization for low voltage dual band receiver ...

The Philips UM1005 and 8026 **dual synthesizer** integrated circuits available ... These circuits include the use of **fractional-N dividers** and programmable loop ...

[www.freepatentsonline.com/6125268.html](http://www.freepatentsonline.com/6125268.html) - 93k - [Cached](#) - [Similar pages](#) - [Note this](#)

[ [More results from www.freepatentsonline.com](#) ]

[PDF] PRACTICAL DESIGN ASPECTS IN FRACTIONAL- N FREQUENCY SYNTHESIS

10 shows one example of the **dual synthesizer** block diagram [12]. The ..... B. Miller and R.

Conley, "A multiple modulator **fractional divider**," IEEE ...

[www.springerlink.com/index/w8m145m747465110.pdf](http://www.springerlink.com/index/w8m145m747465110.pdf) - [Similar pages](#) - [Note this](#)

[PDF] An 18-mW 2.5-GHz/900-MHz BiCMOS Dual Frequency Synthesizer with ...

Figure 4 shows the functional block diagram of the. **dual synthesizer**. As discussed previously, the RF synthe- sizer employs the **fractional-N** technique and ...

[ieeexplore.ieee.org/iel5/9919/31528/01471259.pdf](http://ieeexplore.ieee.org/iel5/9919/31528/01471259.pdf) - [Similar pages](#) - [Note this](#)

[PDF] An 18-mW 2.5-GHz/900-MHz BiCMOS dual frequency synthesizer with ...

combined with the reference **divider** output and the main **divider**. output of each synthesizer.

III. E. EXPERIMENTAL. R. ESULTS. A prototype **dual synthesizer** was ...

[ieeexplore.ieee.org/iel5/4/21382/00991389.pdf](http://ieeexplore.ieee.org/iel5/4/21382/00991389.pdf) - [Similar pages](#) - [Note this](#)

On-channel transceiver architecture in a dual band mobile phone ...

Dual loop frequency synthesizer having **fractional dividers** ... The Philips UM1005 and 8026 **dual synthesizer** integrated circuits available on the open market ...

[www.patentstorm.us/patents/5890051-description.html](http://www.patentstorm.us/patents/5890051-description.html) - 105k -

[Cached](#) - [Similar pages](#) - [Note this](#)

[PDF] SA8026 2.5GHz low voltage fractional-N dual frequency synthesizer

File Format: PDF/Adobe Acrobat - [View as HTML](#)

2.5GHz low voltage **fractional-N dual synthesizer**. 2. 1997 Aug 07. FEATURES. • Low phase noise. • Fully programmable main and auxiliary **dividers** ...

[www.alphacron.de/download/hardware/SA8026.pdf](http://www.alphacron.de/download/hardware/SA8026.pdf) - [Similar pages](#) - [Note this](#)

[PDF] SA7026 1.3GHz low voltage fractional-N dual frequency synthesizer

File Format: PDF/Adobe Acrobat - [View as HTML](#)

1.3GHz low voltage **fractional-N dual synthesizer**. 1999 Nov 04. 7. FUNCTIONAL DESCRIPTION. Main **Fractional-N divider**. The RFin inputs drive a pre-amplifier ...

[www.ortodoxism.ro/datasheets/philips/SA7026\\_4.pdf](http://www.ortodoxism.ro/datasheets/philips/SA7026_4.pdf) - [Similar pages](#) - [Note this](#)

[PDF] Fractional/Integer-N PLL Basics

File Format: PDF/Adobe Acrobat - [View as HTML](#)

divide by a fraction, the **fractional divider** value is achieved by averaging. .... reference sidebands better. Figure 29. **Dual Synthesizer** Using TRF2052 ...

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[drjatorres@gmail.com](#) | [My Notebooks](#) | [Web History](#) | [My Account](#) | [Sign out](#)

[Google](#)

"dual synthesizer" "fractional" "integer divider"

[Advanced Search](#)  
[Preferences](#)

**Web**

Results 1 - 3 of 3 for "**dual synthesizer**" "**fractional**" "**integer divider**". (0.26 seconds)

Tip: Try removing quotes from your search to get more results.

**Method and apparatus to generate signals using two or more phase ...**

In such embodiments, for example, the **fractional** N synthesizer may provide a signal with a desired frequency to a first output of **dual synthesizer** 130. ...

[www.freepatentsonline.com/20050062547.html](http://www.freepatentsonline.com/20050062547.html) - 32k - [Cached](#) - [Similar pages](#) - [Note this](#)

**[PDF] ADI Wireless Seminar 2006 (Chapter V: Phase Locked Loops for High ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

In a **fractional**-N PLL, the N-divider is broken up into the **integer divider** (N) and a modulus-M interpolator (M), which acts as the ...

[www.analog.com/.../55371495239430ChapterV\\_](http://www.analog.com/.../55371495239430ChapterV_Phase_lockedLoopsForHigh_FrequencyReceiversAndTransmitters.pdf)

[Phase\\_lockedLoopsForHigh\\_FrequencyReceiversAndTransmitters.pdf](#) -

[Similar pages](#) - [Note this](#)

**[PDF] SA8028 2.5 GHz sigma delta fractional-N / 760 MHz IF integer ...**

File Format: PDF/Adobe Acrobat

is a **dual synthesizer** that integrates programmable dividers, ..... **integer divider** bits

N<8:0> are in the B-word, whereas the **fractional** divider bits ...

[www.nxp.com/acrobat\\_download/datasheets/SA8028\\_5.pdf](http://www.nxp.com/acrobat_download/datasheets/SA8028_5.pdf) - [Similar pages](#) - [Note this](#)

*In order to show you the most relevant results, we have omitted some entries very similar to the 3 already displayed.*

*If you like, you can repeat the search with the omitted results included.*

Download [Google Pack](#): free essential software for your PC

"dual synthesizer" "fractional" "integer divider"

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

focus.ti.com/lit/an/swra029/swra029.pdf - [Similar pages](#) - [Note this](#)

**[PDF] Evaluation and Performance of the SKY72300, SKY72301, SKY72302 ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

The SKY74038 2.6 GHz/800 MHz, 21-bit **fractional**-N RF. main/integer-N IF auxiliary. Each of these devices is a **dual synthesizer** (RF/IF) that offers low ...

www.skyworksinc.com/products\_display\_item.asp?did=4712 - [Similar pages](#) - [Note this](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#)    **[Next](#)**

Try [Google Desktop](#): search your computer as easily as you search the web.

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual synthesizer" fractional "integer divider"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"dual synthesizer" AND fractional AND "integer divider"

Found:: :1 total | 0 journal results | 1 preferred web results | 0 other web results

Sort by:: :relevance | date


Save checked results

Email checked results

Export checked results

Or  
AI

- ☐ 1. [Method and apparatus to generate signals using two or more phase locked loops](#)  
**Reuven, Yossi, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Mar 2005  
patno:US20050062547

...synthesizer 130 may include a **fractional** N synthesizer and a constant...embodiments, for example, the **fractional** N synthesizer may provide...frequency to a first output of **dual synthesizer** 130. In addition, the **fractional** N synthesizer may provide...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[similar results](#)

 **fast**

"dual synthesizer" fractional "integer divider"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007

About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

**Basic Search**

[Advanced Search](#) [Search Preferences](#)

"dual synthesizer" fractional integer divider

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: : All of the words: **"dual synthesizer" AND fractional AND integer AND divider**



Found:: : **19 total | 0 journal results | 17 preferred web results | 2 other web results**

Sort by:: : **relevance | date**

Save checked results

Email checked results

Export checked results

- ☐ 1. Method and apparatus to generate signals using two or more phase locked loops  
**Reuven, Yossi, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION**, Mar 2005  
patno: US20050062547  
...synthesizer 130 may include a **fractional** N synthesizer and a constant...to a first output of **dual synthesizer** 130. In addition, the...fundamental frequency for **integer** division synthesizer...embodiments of the invention, **fractional** N synthesizer 310 may include a **fractional** N **divider** 320, a phase locked loop...In this embodiment, **fractional** N **divider** 320 may divide a frequency...rational fraction of **integers** M and L, i.e.,  $N=M/L$ ...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)
- ☐ 2. TRANSCIEVER ARCHITECTURE IN A DUAL BAND MOBILE PHONE  
**SCHLANG, Jeffrey / BEOSCH, Ron / GORE, Charles / HADJICHRISTOS, Aristotle (Ericsson Inc.), EUROPEAN PATENT**, Sep 2000  
patno: EP1032982  
...otherwise relate the reference **dividers** of the two PLLs so that...Philips UM1005 and 8026 **dual synthesizer** integrated circuits available...circuits include the use of **fractional-N dividers** and programmable loop bandwidth...by dividing by a smaller **integer**, and then interpolate between...using the technique of **fractional-N** synthesis...described in...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)
- ☐ 3. TUNING BANDWIDTH MINIMIZATION FOR LOW VOLTAGE DUAL BAND RECEIVER  
**BOESCH, Ronald D. / DOLMAN, Rodney A. / GORE, Charles / DENT, Paul W. (Ericsson Inc.), EUROPEAN PATENT**, Sep 2000  
patno: EP1032981  
...relate the reference **dividers** of the two PLLs so...Philips UM1005 and 8026 **dual synthesizer** integrated circuits...include the use of **fractional-N dividers** and programmable loop...to two, one feeding **dual synthesizer** circuit (14 + 17...smallest possible **integer** for comparison with...


Re  
us  
foi  
cor  
cor  
cry  
cry  
err  
fre  
fre  
int  
oul  
oul  
ph  
ph  
ref  
slg  
tra  
tur  
Or  
Al

F

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ 4. SIMPLIFIED REFERENCE FREQUENCY DISTRIBUTION IN A MOBILE PHONE  
**GORE, Charles / DOLMAN, Rodney A. / DENT, Paul W. (Ericsson Inc.), EUROPEAN PATENT**, Sep 2000  
patno: EP1032972

...relate the reference **dividers** of the two PLLs so...Philips UM1005 and 8026 **dual synthesizer** integrated circuits...include the use of **fractional-N dividers** and programmable loop...to two, one feeding **dual synthesizer** circuit (14+17) and...smallest possible **integer** for comparison with...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[view all 16 results from Patent Offices](#)  
[similar results](#)


- ☐ 5. Method and apparatus for generating a plurality of reference frequencies in a mobile phone using a common crystal reference oscillator  
**Gore, Charles / Dolman, Rodney A. / Dent, Paul W. (Ericsson Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT**, Nov 2002  
patno: US6484038

...LO to a programmable **integer** multiple of a basic tuning...using the technique of **fractional-N** synthesis described...reduced to two, one feeding **dual synthesizer** circuit (14+17) and the...N3 in third variable **divider** (48), to produce a frequency...Preferably, N3 is not an **integer** factor but comprises a whole part and a **fractional** part, the components...phase reference from **divider** (41) to produce a frequency...45,46,47) also to be a **fractional-N** synthesizer, however...are more complex than **integer** synthesizers and thus...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ 6. HIGH AGILITY FREQUENCY SYNTHESIZER PHASE-LOCKED LOOP  
**AKBAR, Ali / YOUNG, James P. (SKYWORKS SOLUTIONS, INC.), PATENT COOPERATION TREATY APPLICATION**, Nov 2005  
patno: WO05104385

...as for example a frequency **divider** or multiplier. In addition...second frequency are non- **integer** multiples to reduce cross-coupling...frequencies that are non-**integer** multiples. Thus, the two...an example embodiment of a **dual synthesizer** signal generator. Figure...an example embodiment of a **divider** or multiplier circuit. Figure...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ 7. TRANSCEIVER ARCHITECTURE IN A DUAL BAND MOBILE PHONE  
**SCHLANG, Jeffrey / BEOSCH, Ron / GORE, Charles / HADJICHRISTOS, Aristotle (ERICSSON, INC.), PATENT COOPERATION TREATY APPLICATION**, May 1999  
patno: WO9926353

...otherwise relate the reference **dividers** of the two PLLs so that...Philips UM1005 and 8026 **dual synthesizer** integrated circuits available...circuits include the use of **fractional-N dividers** and programmable loop bandwidth...by dividing by a smaller **integer**, and then interpolate between...using the technique of **fractional-N** synthesis described in...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ 8. TUNING BANDWIDTH MINIMIZATION FOR LOW VOLTAGE DUAL BAND RECEIVER  
**BOESCH, Ronald D. / DOLMAN, Rodney A. / GORE, Charles / DENT, Paul W.**

**(ERICSSON INC.), PATENT COOPERATION TREATY APPLICATION**, May 1999

patno:WO9926352

...relate the reference **dividers** of the two PLLs so...Philips UM1005 and 8026 **dual synthesizer** integrated circuits...include the use of **fractional-N dividers** and programmable loop...to two, one feeding **dual synthesizer** circuit (14 + 17...smallest possible **integer** for comparison with...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis™  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ 9. SIMPLIFIED REFERENCE FREQUENCY DISTRIBUTION IN A MOBILE PHONE

**GORE, Charles / DOLMAN, Rodney A. / DENT, Paul W. (ERICSSON, INC.), PATENT COOPERATION TREATY APPLICATION**, May 1999

patno:WO9926336

...relate the reference **dividers** of the two PLLs so...Philips UM1005 and 8026 **dual synthesizer** integrated circuits...include the use of **fractional-N dividers** and programmable...oscillator frequency by an **integer** factor. Since according...two, one feeding **dual synthesizer** circuit (14+17) and...smallest possible **integer** for comparison with...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis™  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ 10. An agile frequency synthesizer for frequency hopping radio

**Shenouda, Hany H., dissertation**, Jan 2000

...noise are given. A brief introduction to **Fractional-N Synthesizer** is made. Finally, a brief...2.1.4 Frequency **Divider** 14 .....2.2 Analysis of...2.3 **Fractional-N Synthesis** ..... 24 2...Reference frequency fo Center frequency N Reference **Divider** G(s) Loop Filter Transfer Function 'I...

[<http://hdl.handle.net/1880/39277>]

[similar results](#)

☐ 11. Simplified reference frequency distribution in a mobile phone

**Gore, Charles / Dolman, Rodney A. / Dent, Paul W. (Ericsson Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT**, Oct 2001

patno:US6308048

...LO to a programmable **integer** multiple of a basic tuning...using the technique of **fractional-N** synthesis described...reduced to two, one feeding **dual synthesizer** circuit (14+17) and the...N3 in third variable **divider** (48), to produce a frequency...Preferably, N3 is not an **integer** factor but comprises a whole part and a **fractional** part, the components...phase reference from **divider** (41) to produce a frequency...45,46,47) also to be a **fractional-N** synthesizer, however...are more complex than **integer** synthesizers and thus...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis™  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ 12. HP 8360 Series Synthesized Sweepers (Including Options 001, 003, 004, 006, and 008)

[User's Handbook](#) [PDF-6MB]

Sep 2001

HP 8360 Series Synthesized Sweepers (Including Options 001, 003, 004, 006, and 008) User's Handbook SERIAL NUMBERS This manual applies directly to any synthesized sweeper with serial number prefix combinations.

[<http://cfa-www.harvard.edu/~thunter/manuals/EPSPG087108...>]

[more hits from](#) [<http://cfa-www.harvard.edu>]

[similar results](#)

☐ 13. Tuning bandwidth minimization for low voltage dual band receiver

**Boesch, Ronald D. / Dolman, Rodney A. (Ericsson Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT**, Sep 2000



patno:US6125268

...1st LO to a programmable **integer** multiple of a basic tuning...using the technique of **fractional-N** synthesis described in...reduced to two, one feeding **dual synthesizer** circuit (14+17) and the...frequency at the output of **divider** (41). The phase comparison...factor N3 in third variable **divider** (48), to produce a frequency...Preferably, N3 is not an **integer** factor but comprises a whole part and a **fractional** part, the components (48...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ **14. On-channel transceiver architecture in a dual band mobile phone**

**Schlang, Jeffrey / Boesch, Ron / Gore, Charles / Hadjichristos, Aristotle (Ericsson Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Mar 1999**

patno:US5890051

...1st LO to a programmable **integer** multiple of a basic tuning...using the technique of **fractional-N** synthesis described in...reduced to two, one feeding **dual synthesizer** circuit (14+17) and the...frequency at the output of **divider** (41). The phase comparison...factor N3 in third variable **divider** (48), to produce a frequency...Preferably, N3 is not an **integer** factor but comprises a whole part and a **fractional** part, the components (48...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ **15. High agility frequency synthesizer phase-locked loop**

**Ali, Akbar / Young, James P., UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Oct 2005**

patno:US20050227629

...a frequency multiplier, a frequency **divider**, or both configured to modify the frequency...frequencies that are related by non-**integer** multiples. For example, the ratio 1...phase detector, frequency multiplier or **divider**, or charge pumps. It is also contemplated...508 may comprise pre-scalers and/or **fractional** modulators. It is contemplated that...


**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ **16. Rational fraction synthesizer**

**Wilke, William G., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Nov 1993**

patno:US5267189

...applied to input terminals of a 1/M programmable **divider** 72. **Divider** means 72 can be programmed by control lines 87, to divide by a range of **integers**, from M.sub.min to M.sub.max, and, like **divider** 74, can be any form of binary, decimal, straight...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis<sup>®</sup>  
[view all 16 results from Patent Offices](#)  
[similar results](#)

☐ **17. REDUCING OR ELIMINATING RADIO TRANSMITTER MIXER SPURIOUS OUTPUTS**

**CAIRNS, Steven G. (ERICSSON INC.), PATENT COOPERATION TREATY APPLICATION, Sep 1997**


patno:WO9735381

...on a control bit input. The output of **divider** 1] 2 is fed to one IIPLIt Of phase detector...the XT.AL\_I InpLit) Is divided bN, a **divider** 114 that proo-Tammably divides by 8 or...108 and "N" is the division ratio of **divider** 110. The output of WO 104 is applied...M \* TXLO (2) spur where N and M are **integer** multipliers and N + M is the - order...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis™  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ **18. [Reducing or eliminating radio transmitter mixer spurious outputs](#)**  
**Cairns, Steven G. (Ericsson Inc.), UNITED STATES PATENT AND TRADEMARK OFFICE**  
**GRANTED PATENT**, Aug 1998  
patno:US5794131

...optional internal **divider** or optional prescaler...of a Philips SA7025 **dual synthesizer** chip). In this example...206b of the SA7025 **dual synthesizer** chip and associated...includes a dual output **fractional** N type phase detector...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis™  
[view all 16 results from Patent Offices](#)  
[similar results](#)

- ☐ **19. [MBRM120ET3 \(3\) VIEW](#)** [PDF-150K]

Sep 2000

The advanced packaging techniques provide for a highly efficient micro miniature, space saving surface mount Rectifier.

[<http://cfa-www.harvard.edu/~thunter/datasheets/mbrm120...>]

[similar results](#)

Sponsored links

[RF System Design Notes](#)

200 RF Wireless & Cable Application Circuits & Tutorials.

Download free

[maxim-ic.com/appnote](http://maxim-ic.com/appnote)

 **fast**

"dual synthesizer" fractional integer divider

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

[Downloads](#) | [Library Partners](#) | [Subscribe to News Updates](#) | [User Feedback](#)  
[Advertising](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2007

 PALM IntranetApplication  
Number

## IDS Flag Clearance for Application 10664850



Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2003-09-22	11	Y <input checked="" type="checkbox"/>	2007-05-09 00:00:00.0	CR #232884
<input type="button" value="Update"/>					

Day : Wednesday

Date: 9/26/2007

Time: 12:35:23



PALM INTRANET

## Continuity Information for 10/664850

**Parent Data**

No Parent Data

**Child Data**

No Child Data

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign Data](#)Search Another: **Application #** **or Patent#**  **PCT /**   **or PG PUBS #** **Attorney Docket #** **Bar Code #**  

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/26/2007

Time: 12:35:27

**PALM INTRANET**

# Foreign Information for 10/664850

**No Foreign Data**[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)**Foreign  
Data** ☐**Search Another: Application #**  
**or Patent#**  
**PCT /** **or PG PUBS #**  
**Attorney Docket #** **Bar Code #** 

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/26/2007

Time: 12:35:37

**PALM INTRANET**

## Inventor Information for 10/664850

<b>Inventor Name</b>	<b>City</b>	<b>State/Country</b>
REUVEN, YOSSI	HADERA	ISRAEL

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign I
------------	----------	---------------	-----------------	-------------------	-----------

**Search Another: Application #**  
**or Patent#**  
**PCT /**  
**or PG PUBS #**  
**Attorney Docket #**  
**Bar Code #**  

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/26/2007  
Time: 12:35:41 **PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = REUVEN

First Name = YOSSI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10664850</a>	Not Issued	71	09/22/2003	Method and apparatus to generate signals using two or more phase locked loops	REUVEN, YOSSI
<a href="#">60641398</a>	Not Issued	159	01/04/2005	Wired networking	REUVEN, YOSSI
<a href="#">60659913</a>	Not Issued	159	03/10/2005	Access network	REUVEN, YOSSI
<a href="#">60682820</a>	Not Issued	159	05/20/2005	Multi drop DSL	REUVEN, YOSSI
<a href="#">60688711</a>	Not Issued	159	06/09/2005	DSL over coax	REUVEN, YOSSI

**Inventor Search Completed: No Records to Display.**

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>
REUVEN	YOSSI

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 9/26/2007

Time: 12:36:03

 **PALM INTRANET**

## Correspondence Address for 10/664850

Customer Number	Contact Information	Address
49444 Delivery Mode: <u>PAPER</u>	Telephone: (646)878-0800 Fax: (646)878-0801 E-Mail: <u>PUSDKT@PCZLAW.COM</u>	PEARL COHEN ZEDEK LATZER, LLP 1500 BROADWAY, 12TH FLOOR NEW YORK NY 10036

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign I](#)**Search Another: Application #**  
**or Patent#**  
**PCT /** **or PG PUBS #**  
**Attorney Docket #**  
**Bar Code #**  

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)